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(71) Applicant (for all designated States except US):
CARGILL INCORPORATED [US/US]; 15407 McGinty Road West, Wayzata, MN 55391 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DE MEUTER, Pascale, Adolphine** [BE/BE]; Lindenstraat 107, B-1801 Peutie (BE). **ZOERB, Hans, Frederic** [US/US]; 1072 River Drive, River Falls, WI 54022 (US).

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(74) Agent: **BROYDE, Marc**; Howrey Simon Arnold & White, City Point, One Ropemaker Street, London EC2Y 9HS (GB).

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(54) Title: DIRECT COMPRESSIBLE TREHALOSE SOLIDS

(57) Abstract: The present invention relates to direct compressible crystalline or semi-crystalline trehalose solids having a crystal form selected from the group consisting of trehalose dihydrate and mixtures of trehalose dihydrate and anhydrous trehalose, and having a specific surface area of at least 0.25m²/g and products or tablets containing these. A process for preparing said solids comprises heating a solution of trehalose and applying shear and cooling. The trehalose solids can be applied in food, pharma and cosmetics and tablets prepared from said trehalose solids have improved tensile strength.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07H A61K A23G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97/28788 A (QUADRANT HOLDINGS CAMBRIDGE ;COLACO CAMILO (GB); BLAIR JULIAN (GB)) 14 August 1997 (1997-08-14) cited in the application page 5, line 7 - page 6, line 11 claims 18-24	1-13
A	US 5 958 455 A (COLACO CAMILO ET AL) 28 September 1999 (1999-09-28) column 7, line 15 - line 44 column 9, line 14 - line 40	1-13
A	GB 2 353 933 A (BRITISH SUGAR PLC) 14 March 2001 (2001-03-14) cited in the application page 1, line 29 - page 3, line 2	1-13
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Gohlke, P

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DATABASE WPI Derwent Publications Ltd., London, GB; AN 2001-609770 XP002242898 "Trehalose particle for use as excipient and binder in pharmaceuticals, cosmetics, agrochemicals and foodstuffs, has preset purity, mean particle diameter, specific volume, compression rate and tablet hardness." & JP 2001 213890 A (ASAHI KASEI KOGYO KK) 7 August 2001 (2001-08-07) cited in the application abstract</p> <p>-----</p>	1-13
A	<p>US 2002/058101 A1 (MIYAKE TOSHIO ET AL) 16 May 2002 (2002-05-16) page 2, left-hand column, line 13 - line 35 page 2, right-hand column, line 1 - line 11</p> <p>-----</p>	1-13

INTERNATIONAL SEARCH REPORT

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